



1655  
1721

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

: Examiner: Not Yet Assigned

Judy HIRST

: Group Art Unit: 1655

Application No. 10/551,144

:

Filing Date: September 14, 2006

:

For: PYRIDINE NUCLEOTIDE

:

DEHYDROGENASE BASED BIOSENSOR:

ELECTRODES

:

**Certificate of Mailing Under 37 C.F.R. §1.8(a):**

I hereby certify that this correspondence is being deposited on November 27, 2006 with the United States Postal Service as first-class mail in an envelope properly addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

  
Tina M. Doyle

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97**

In compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, Applicant is submitting herewith Form PTO/SB/08A and PCT/SB08B listing references which the patent examiner is hereby requested to consider and make of record in the above-identified application. Copies of the references listed on Form PCT/SB08B are enclosed.

It is respectfully requested that the references listed on the attached Form PTO/SB08A and PTO/SB08B be made of record in the present application. The action requested with respect to these ISR references is in keeping with §609 and §1893.03(g) of the Manual of Patent Examining Procedure.

This Information Disclosure Statement is being filed before the mailing of a first

office action on the merits. Thus, it is believed by the undersigned attorney that no fee is required for consideration of this Information Disclosure Statement.

In the event that a fee is required, the Commissioner is authorized to charge Deposit Account No. 04-1406 of the undersigned attorneys. A duplicate copy of this sheet is enclosed.

In the opinion of the undersigned, the references submitted herewith are the most pertinent of which the undersigned is aware. However, no representation is made or intended that more pertinent references do not exist.

This submission is not an admission that the references listed on the attached Form PTO/SB/08A and PTO-SB08B constitute prior art against the claims of this application.

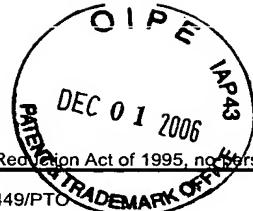
Early and favorable consideration of this application is respectfully requested.

Respectfully submitted,

DANN, DORFMAN, HERRELL & SKILLMAN  
A Professional Corporation  
Attorneys for Applicant(s)

By Patrick J. Hagan  
Patrick J. Hagan  
Registration No. 27,643

Customer Number 000110  
Telephone: 215-563-4100  
Facsimile: 215-563-4044  
Email: [phagan@ddhs.com](mailto:phagan@ddhs.com)



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTC

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

Sheet

1

10

2

**Complete if Known**

Application Number	11/551,144
Filing Date	September 14, 2006
First Named Inventor	Judy HIRST
Art Unit	1655
Examiner Name	Not Yet Assigned
Attorney Docket Number	0380-P03858US0

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner Signature \_\_\_\_\_ Date Considered \_\_\_\_\_

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*

Complete if Known

Substitute for form 1449/PTO					
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Application Number</b>	11/551,144
				<b>Filing Date</b>	September 14, 2006
				<b>First Named Inventor</b>	Judy HIRST
				<b>Art Unit</b>	1655
				<b>Examiner Name</b>	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	0380-P03858US0

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	YANBING ZU et al., "Reversible, Electrochemical Interconversion of NADH and NAD+ by the Catalytic...", JACS, 125(20): 6020-6021 (May 21, 2003)	
	C2	MARK A. HAYES et al., "Preservation of NADH Voltammetry for Enzyme-Modified Electrodes Based on Dehydrogenase", Anal. Chem., 71: 1720-1727 (1999)	
	C3	P.N. BARTLETT et al., "Modified electrodes for NADH oxidation and dehydrogenase-based biosensors, Bioelectrochemistry, 56: 117-122 (2002)	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.